



PTO/SB/17 (12-04)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.  
Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 200.00**Complete if Known**

Application Number	10/752,090
Filing Date	January 7, 2004
First Named Inventor	Kenichi SATO, et al.
Examiner Name	Hyder Ali
Art Unit	3747
Attorney Docket No.	029383.53083US

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):☒ Deposit Account Deposit Account Number: **05-1323 (Docket No. 029383.53083US)** Deposit Account Name: **23911**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments  
under 37 CFR 1.16 and 1.17

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>	<b>Extra claims</b>	<b>Fees (\$)</b>
9	-20 or HP 0	x =
HP = highest number of total claims paid for, if greater than 20		
<b>Indep. Claims</b>	<b>Extra claims</b>	<b>Fees (\$)</b>
4	-3 or HP 1	x 200.00 = 200.00
HP = highest number of total claims paid for, if greater than 3		

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	Round up to a whole number x	=	

**4. OTHER FEES**

	Fee Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other	

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	32,169	Telephone	(202) 624-2500
Name (Print/Type)	Jeffrey B. Saqok	Date	April 29, 2005		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/752,090 Confirmation No. : 2333  
First Named Inventor : Kenichi SATO, et al.  
Filed : January 7, 2004  
TC/A.U. : 3747  
Examiner : Hyder Ali

Docket No. : 029383.53083US  
Customer No. : 23911

Title : Sintered Alloy Valve Seat and Method for Manufacturing  
The Same

**REPLY**

**Mail Stop AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following amendments and remarks are respectfully submitted in  
response to the Office Action dated February 7, 2005.

**Amendments to the Claims** are reflected in the listing of claims which  
begins on page 2 this paper.

**Remarks** begin on page 8 of this paper.